

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Kyoichi A. Watanabe
Serial No.: 09/834,596
Filed: April 13, 2001
Due Date: October 11, 2005
Title: 2'-or 3'-Hydroxymethyl Substituted Nucleoside Derivations for Treatment of Hepatitis Virus Infections

Examiner: Howard V. Owens, Jr.
Group Art Unit: 1623
Docket: 60137.0022USU1

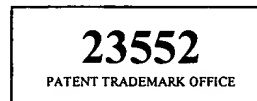
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Mail Stop IDS
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450



Sir:

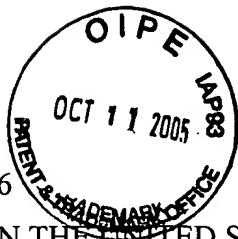
We are transmitting herewith the attached:

- ☒ Transmittal Sheet in duplicate
- ☒ Information Disclosure Statement, Form 1449, 13 Reference(s)
- ☒ Return postcard

Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers or any future reply, if appropriate. Please charge any additional fees or credit overpayment to Deposit Account No. 13-2725. A duplicate of this sheet is enclosed.

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Minneapolis, MN 55402-0903
202.326.0300

By: *Ronald A. Daignault*
Name: Ronald A. Daignault, Esq.
Reg. No.: 25,968
RAD:cmt



S/N 09/834,596

PATENT

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (37 C.F.R. § 1.97(d))

Mail Stop IDS
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Dear Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner. At least some of the references were recently cited in an International Search Report mailed July 11, 2005.

Certification Under 37 C.F.R. §1.97(e)(1)

In accordance with 37 C.F.R. §1.97(c) or §1.97(d), the undersigned hereby certifies that each item of information listed on the enclosed Form 1449 was first cited in a communication from a foreign patent office in a counterpart foreign application within three months of filing this statement.

In accordance with 37 C.F.R. §1.98(a)(2), a copy of each document or other information listed on the enclosed Form 1449 is provided.

No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103 and Applicants reserve the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to establish that the reference(s) are not "prior art." Moreover, Applicants do not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.

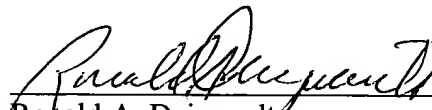
Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

Please charge any additional fees or credit any overpayment to Deposit Account No. 13-2725.

Respectfully submitted,

MERCHANT & GOULD P.C.
P.O. Box 2903
Minneapolis, Minnesota 55402-0903
(202) 326-0330

Date: October 11, 2005



Ronald A. Daignault
Reg. No. 25,968



FORM 1449* SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number: 60137.022USU1	Application Number: 09/834,596
	Applicant: Kyoichi A. Watanabe	
	Filing Date: April 13, 2001	Group Art Unit: 1623

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	6,004,939	12/21/1999	Chen et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	WO 93/12131	06/24/1993	PCT				
	WO 01/10882 A1	02/15/2001	PCT				
	06211890	02/08/1994	Japan			Abstract	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	European Search Report dated July 6, 2005
	JASKO MAXIM VVAN I FEDOROV ET AL: "Synthesis, Molecular and Crystal Structure of 3'-N-Alkylamino-3'-Deoxythymidines and some Biochemical Properties of their Phosphorus Esters," NUCLEOSIDES & NUCLEOTIDES, 1995, pages 23-27, vol. 14, no. 1-2, XP008049088
	TSIBINOGIN, V. V. ET AL: "Inhibition of the Replication of Human Hepatitis B Virus," Database CA [Online], Chemical Abstracts Service, Columbus, Ohio, US; 1989, XP002192805
	MATTHES, ECKART ET AL: "Comparative Inhibition of Hepatitis B Virus DNA Polymerase and Cellular DNA Polymerases by Triphosphates of Sugar-Modified 5-Methyldeoxycytidines and of other Nucleoside Analogs," Database CA [Online], Chemical Abstracts Service, Columbus, Ohio, US; 1991, XP002192806
	VICTOROVA LYUBOV S ET AL: "Mode of Inhibition of HIV Reverse Transcriptase-Catalyzed DNA Synthesis by 3'-Amino-3'-Deoxythymidine 5'-Triphosphate," NUCLEOSIDES & NUCLEOTIDES, 1996, pages 655-667, vol. 15, no. 1-3, XP001062295
	UEDA, TORU ET AL: "Preparation of 2'-Deoxy-2' (S)-Alkylpyrimidine Nucleosides as Antiviral Agents," Database CA [Online], Chemical Abstracts Service, Columbus, Ohio, US; 1988, XP002192807
	MATSUDA, AKIRA ET AL: "Preparation of 2'Deoxy-(2' S)-Alkylpyrimidine Nucleosides as Antiviral Agents," Database CA [Online], Chemical Abstracts Service, Columbus, Ohio, US; 1994, XP002192808
	MATTHES, E. ET AL: "Potent Inhibition of Hepatitis B Virus Production in Vitro by Modified Pyrimidine Nucleosides," Database CA [Online], Chemical Abstracts Service, Columbus, Ohio, US; 1990, XP002192809
	KOCHETKOVA, S. V. ET AL: "Phosphorylation of 3'-Deoxy-3'-Aminothymidine in the Mouse Myeloma p38Ag653 Cell Culture and its Incorporation into DNA," Database CA [Online], Chemical Abstracts Service, Columbus, Ohio, US; 1985, XP002333614

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PATENT TRADEMARK OFFICE

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	